

OBITUARY.

The Council regret that they have to record the loss by death of the following Fellows and Associate during the past year :—

Fellows :—J. H. Brown.
 E. T. Carter.
 A. A. Common.
 * William Francis.
 C. H. Gatty.
 James Glaisher.
 William Harnett.
 W. A. Kibbler.
 Samuel Kinns.
 Thomas Mackenzie.
 A. B. Martin.
 F. M. Newton.
 W. I. Page.
 F. C. Penrose.
 Lord Pirbright.
 Harold Seward.
 Washington Teasdale.
 Major-Gen. W. H. Wardell.
 W. L. Watson.

Associate :—Proser Henry.

JOHN HENRY BROWN was born at Woolwich on the 4th of September 1836. His father was a dentist, who practised at Woolwich and afterwards at Brighton. From childhood he was fond of scientific pursuits, and while at school made himself a photographic camera. He became a dentist and joined his father in practice in the Old Steyn, Brighton. Later he moved to Hove, where he continued to practise till seven or eight years ago, when he retired.

He was a clever mechanician, and about 1867 invented the now well known Iris Diaphragm. He refused to patent this invention, preferring to publish it at once for the free use of all. He possessed a small telescope, of which he made constant use. He became a Fellow of the Society on the 10th of February 1888.

Mr. Brown married in 1883, and leaves a widow and two

* Although Dr. Francis died subsequently to 1903 December 31 an account of his life is given in this year's Report.

step-children. His death took place at his residence at Brighton on the 19th of December 1903. [For these particulars the Council are indebted to Mr. Arthur F. Griffith.]

EDWARD TREMLETT CARTER was born in Calcutta in 1866. He was the eldest of ten surviving children. Brought to England at an early age, he was privately educated at Bristol, and later at the Merchant Venturers' College in that city and at Bristol University College.

Completing his studies in physics and engineering under Professor Hele Shaw and Professor Silvanus P. Thompson, Mr. Carter remained for a short time at the College as demonstrator, until he obtained an appointment at the School of Electrical Engineering and Submarine Telegraphy, Hanover Square, W., first as assistant to the late Mr. Lant Carpenter and afterwards as a lecturer at the school. Concurrently with this appointment he practised as a consulting engineer, and was a frequent contributor to the technical press. On the closing of the School of Electrical Engineering in 1893 he joined the permanent staff of the *Electrician* under Mr. Trotter, who was then editor, and upon whose retirement in 1895 Mr. Carter was appointed assistant editor under Mr. W. G. Bond. In 1897 Mr. Carter went over to Montreal as representative of the *Electrician* at the meeting of the British Association there, and made also an extended tour in America on behalf of the paper. Returning to England, he soon after succeeded Mr. Bond as editor-in-chief of the *Electrician*.

He was to a small extent an author of fiction as well as a writer on engineering subjects. His chief work in book form was *Motive Power and Gearing for Electrical Machinery*.

He had a delicate constitution, and in the winter of 1899, after a severe attack of pleurisy and bronchitis following upon influenza, he was obliged to give up work. A tour in the Mediterranean and Egypt did him good, but the improvement was not a permanent one, and in October 1902 it was discovered that his lungs were seriously affected. He underwent the open-air treatment for some time, with, however, no useful result, and died on the 16th of April at Clevedon, Somerset, where he had been devotedly nursed by his wife after it had been found that the sanatorium treatment was of no avail.

Mr. Carter interested himself deeply in astronomy, more especially in astrophysics and the bearing of astronomical phenomena and history on the evolution theory of the universe.

Mr. Carter was a member of the Institution of Electrical Engineers and of the Société des Ingénieurs Civils de France, and of the Physical Society of London. He became a Fellow of this Society on the 9th of January 1891. He leaves a widow and three sons.

[The Council are indebted to Mr. G. Thomas-Davies for this notice.]